

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A set for measuring the linear strain of materials, comprising at least two measuring elements $[(1)]$, fitted with measuring blades $[(3)]$ with parallel axes of the measuring blades $[(2)]$, attachable to the measured material, and a portable reading device $[(3)]$ with the impression surface $[(4)]$ made of a material with dimensional stability and strength lower than the strength of the material of the measuring elements $[(1)]$ and/or the portable measuring device, featuring the measuring blades $[(2)]$ being fitted with fixtures $[(5)]$ in the center and the measuring elements $[(1)]$ being fitted with necks $[(6)]$ and a tapered end $[(7)]$ at the bottom; the measuring elements $[(1)]$ are attached to the surface of the measured material using a resin-based adhesive.

2. (Currently Amended) A measuring set $[\text{under}]$ according to claim 1, **featuring** featuring the measuring elements $[(1)]$ being kept in a transport preparation $[(8)]$, comprising a plotting board with holes $[(9)]$ for the measuring elements $[(1)]$, following the precision setting of parallelism of the axes of the measuring blades $[(2)]$; the joint between the measuring elements $[(1)]$ and the transport preparation $[(8)]$ has a lower strength than the joint between the measuring elements $[(1)]$ and the measured material.

3. (Currently Amended) A measuring set ~~[[under]]~~ according to claim 1 ~~[[or 2]]~~, **featuring** featuring the measuring elements ~~[[1]]~~ being placed in the shape of a rosette on the measured material.

4. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring the measuring elements ~~[[1]]~~ with an adapter ~~[[10]]~~ for the alignment of the reading device ~~[[3]]~~ with the measuring elements ~~[[1]]~~ at the measured material.

5. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring the transport preparation ~~[[8]]~~ comprising a plotting board, the ends of which are bent upward.

6. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims 1 to 5~~ according to claim 1, **featuring** featuring the transport preparation ~~[[8]]~~ being in the shape of a bail, fitted with surfaces for the measuring elements ~~[[1]]~~ at its ends, and a portable reading device ~~[[3]]~~ comprising a similar bail with an impression surface ~~[[4]]~~, placed at its ends.

7. (Currently Amended) A measuring set ~~under any of the~~
~~aforementioned claims~~ according to claim 1, **featuring** featuring a device for the remote transmission of the measured data to the reading device ~~[[3]]~~.